

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2967999
<b>Application Number:</b>	09491461
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8555
<b>Title of Invention:</b>	Method and apparatus for optimizing a multivariate allocation of resources
<b>First Named Inventor/Applicant Name:</b>	Paul Dagum
<b>Customer Number:</b>	33031
<b>Filer:</b>	Cyrus F. Bharucha/Toni Stanley
<b>Filer Authorized By:</b>	Cyrus F. Bharucha
<b>Attorney Docket Number:</b>	RAP0001P1US
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	RAP0001P1US_IDS_and_P TO1449.pdf	119425 <small>e664085962be1e043a391b085394b76c e9f0c5304</small>	no	4

**Warnings:**

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2	NPL Documents	Cadwell_1951.pdf	221122 b6d8f6d6c5330e4d8b9e3ea250f1d7 4311a63	no	5
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	David_1953.pdf	88675 3077e199a5a55075927e3ca306e3f19 da20f402	no	2
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	Nelder_1965.PDF	5047734 537e721b218b05db0585e3b4420247f 20734e23	no	6
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	John_1966.pdf	116549 d30cb677c8a0a9b514b23c268fb134b 0f1ac17	no	4
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	Shanno_1970.pdf	384840 6321ccf8b91905f7e4308285bb459fb109 8d9eb400	no	10
<b>Warnings:</b>					
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7	NPL Documents	Milton_1972.pdf	258744 eaact1602aca206a950b95f61c5ce92535 2b1c48f	no	9
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	Powell_1978.PDF	6332735 95129495e5f5e6c0a0e3930524b6e031b ba428b66	no	14
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	Harris_1980.PDF	8560128 81ef59ee6f49ac3af835560d76c57cab64 f362c9	no	16
<b>Warnings:</b>					
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10	NPL Documents	Schittkowski_1985.pdf	810388 ad3bd3d2f5e8653099a2711e366724911 c923fe96	no	16
<b>Warnings:</b>					
<b>Information:</b>					
11	NPL Documents	Gallego_1994.pdf	749676 20736cd3f4e9b3bdaf6d659e83c663e c338fcd5	no	22
<b>Warnings:</b>					
<b>Information:</b>					
12	NPL Documents	Gallego_1997.pdf	744115 53d99caabfc22a2cd390597344e759e8 4d7d9fc7	no	18
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			23434131		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					